

Title (en)  
PROCESS AND SYSTEM FOR TREATING WATER

Title (de)  
VERFAHREN UND ANLAGE ZUR AUFBEREITUNG VON WASSER

Title (fr)  
PROCÉDÉ ET INSTALLATION DE TRAITEMENT DE L'EAU

Publication  
**EP 2598446 A1 20130605 (DE)**

Application  
**EP 11741427 A 20110722**

Priority  
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Abstract (en)  
[origin: WO2012013593A1] A process for treating water, in particular for producing ultrapure water, is described, in which a water stream is purified in a reverse osmosis unit, wherein the water stream is subjected to a pretreatment having the steps (1) partial exchange of the cations present in the water stream for H<sup>+</sup> ions and (2) substantially complete exchange of the anions present in the water stream against OH<sup>-</sup> ions, and the water stream obtained from the pretreatment is passed directly into the reverse osmosis unit. In addition, a system is described in which such a process may be carried out.

IPC 8 full level  
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CPC (source: EP US)  
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Citation (search report)  
See references of WO 2012013593A1

Designated contracting state (EPC)  
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